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From: Rogow, Michelle
Sent: Fri 6/24/2016 5:51:03 PM
Subject: Fruitland Magnesium Fire Preliminary Data
[062316 EPA Air Sampling Update 11x17.pdf](#)
[062316 SiteAddresses 11x17.pdf](#)
[Ash Data.pdf](#)
[Indoor Air Data.pdf](#)
[Outdoor Air Data.pdf](#)
[Residential Yards Soil Data.pdf](#)

Please see the attached data that has been received to date. This data is preliminary and not for public release.

Of specific note is the activity based sampling data for indoor air that has been received for the first 6 residences. It was noted by field teams that in these first 6 residences 4 had broken windows and visible ash and documented routes of migration from the fire site.

Activity based sampling data shows that these 4 units with visible ash had detectable concentrations of chromium, copper, zinc and magnesium (>0.25 ug/kg). While the contaminants are variable in concentration, all 4 metals are present in all 4 samples.

Field teams noted that the other 2 units had windows intact and there was no visible ash present in the unit. The activity based sampling associated with these units were non-detect (<0.25 ug/kg) for these 4 contaminants, with the exception of one detection of chromium.

Given this data, it appears that this activity based sampling provides quantitative data, which supports visual observations and is consistent with the pathways of migration of contaminants from the fire. In addition, it provides a measurable standard for determination of which homes need to be addressed and standard for cleanups to meet to return homes to residents.

Also attached for your reference and review are the ash samples, outdoor air samples, a map of sample locations, and the soil data we have to date, which also needs review and agreement regarding the cleanup standard. We will be looking at the residential RSLs and some information that we have obtained regarding soil concentrations from these residential properties.

Thank you for your time and prompt consideration.

Regards,

Michelle Rogow

On Scene Coordinator

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